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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Docket No. UBC1180-2				Serial No.: 10/661,471				
				Applica	nt: Hancock et al.							
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	U.S. PATENT DOCUMENTS											
EXAM. INITIALS		BOCUMENT NUMBER	D	ATE	NAME		CL			ЛВ- ASS	FILING DATE	
##	AA	6,040,435A	03/2	1/2000	Karunarante et	al.					٠	
	FOREIGN PATENT DOCUMENTS											
EXAM. INITIALS		DOCUMENT NUMBER	DA	TE	COUNTRY	CLAS	SS				NSLATION YES/NO)	
A	AB	WO0012528A	03/09	/2000	Canada					-	No	
l												
	07	THER DOCUME	NTS (I	ncludin	g Author, Title,	Date, Po	ertin	ent P	ages)			
	AC	Scott MG. et al., Modulates Macro Macrophage Gen	ophage	Respons	ses to Lipopolysa	ccharide	and	Direc	tly A	lters		
	AD	Scott, MG. et al., Antimicrobial Pe (1999-04)	, "Biolo ptides"	gical Pr , <i>Infecti</i>	operities of Struc on and Immunity,	turally F Vol. 67	Relate , No.	ed alp	ha-H 05-2	elical 009, A	Cationic April 1999	

1	4	AC	Scott MG. et al., "An alpha-Helical Cationic Antimicrobial Peptide Selectively Modulates Macrophage Responses to Lipopolysaccharide and Directly Alters Macrophage Gene Expression", <i>The Journal of Immunology</i> , Vol. 165, 3358-3365, 2000
7		AD	Scott, MG. et al., "Biological Properities of Structurally Related alpha-Helical Cationic Antimicrobial Peptides", <i>Infection and Immunity</i> , Vol. 67, No. 4, 2005-2009, April 1999 (1999-04)
		AE	Hancock R.E. et al., "The role of antimicrobial peptides in animal defense", Proceedings of The National Academy of Sciences of The United States of America, Vol. 97, No. 16, 8856-8861, August 1, 2000
		AF	Luftfalla, G. et al., "Mutant U5A cells are complemented by an interferon-alpha beta receptors subunit generated by alternative processing of a new member of a cytokine receptor gene cluster", <a href="http://www.ncbi.nlm">http://www.ncbi.nlm</a> , accession no. L042243, April 4, 1996
A	4	AG	Mishima, K. et al., "ARD1, a 64-kDa guanine nucleotide-binding protein with a carboxyl-terminal ADP-ribosylation factor domain", <a href="http://www.ncbi.nlm">http://www.ncbi.nlm</a> , accession no. L04510, June 12, 1993

EXAMINER DATE CONSIDERED 03/07

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Department of Commerce Paters and Trademark Office	Docket No. UBC1180-2	Serial No.: 10/661,471		
	Applicant: Hancock et al.			
INFORMATION DISCERNATION BY APPLICANT	Filing Date: September 12,2003	Group Art Unit: 1614		

#	1	АН	Van Wetering, S., "Defensins: Key Players or Bystanders in Infection, Injury, and Repair in the Lungs?", Journal of Allergy and Clinical Immunology, Mosby-Yearlybook, Inc., US, Vol. 104, No. 6, 1131-1138, 1999
		AI	Doranz, B.J. et al., "A Small-Molecule Inhibitor Directed Against The Chemokine Receptor CXCR4 Prevents its Use as an HIV-1 Corecptor", Journal of Experimental Medicine, Tokyo, JP, Vol. 186, No. 8, 1395-1400, October 20, 1997
		AJ	Sareneva, T. et al., "Ifn-α and IL-12 Induce IL-18 Receptor Gene Expression in Human NK and T Cells," The Journal Of Immunology, Vol. 165: 1993-1938, 2000
		AK	Wu, H. et al. "Regulation of Cathelicidin Gene Expression: Induction by Lipopolysacchride, interleukin-6, Retinoic Acid, and Salmonella enterica Serovar Typhimurium Infection", Infection and Immunity, 5552-5558, 2000
		AL	Scott, M.G. et al., "Cationic Antimicrobial Peptide and Their Multifunctional Role in the Immune System", Critical Review in Immunology, CRC Press, Vol. 20, 407-431, 2000
		AM	Hancock, R.E. and Lehrer, R., "Cationic peptides: a new source of antibiotics", Trends in Biology, Elsevier Publication, Vol. 16, No. 2, February 1, 1998
·		AN	Hancock, R.E., "Catitonic peptides:effectors in innate immunity and novel antimicrobials", The Lancet Infectious Diseases, Vol. 1 No. 3, 156-164, October 2001
		AO	Mcquibban, G.A. et al., "Matrix Metalloproteinase Activity Inactivates the CXC Chemokine Stromal Cell-derived Factor-1", <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 47, November 23, 2001

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EXAMINER	Learner V.	lude	DATE CONSIDERED	03/07	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## **U.S. PATENT DOCUMENTS**

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
<del>*************************************</del>	AA	CA2456477A1	02/27/03	Canada			No
	AB	CA2468907A1	06/12/03	Canada			No

## THER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

ABLE	AC	Scott MG. et al., "The Human Antimicrobial Peptide LL-37 Is a Multifunctional Modulator of Innare Immune Responses", <i>The Journal of Immunology</i> , Vol. 169, 3883-3891, 2002
AVAII	AD	Hancock R.E. et al., "The role of cationic antimicrobial peptides in innate host defenses", <i>Trends in Microbiology</i> , Vol. 8, No. 9, 402-410, September 2000
S	AE .	Hancock, R.E., "Host Defense (Cationic) Peptides, What is Their Future Clinical Potentional?", <i>Drugs</i> , Vol. 57, No. 4, 469-473, April 1999
	AF.	Finlay, B.B. et al., "Perspectives, Can innated immunity be enhanced to treat microbial infections?", Nature Reviews Microbiology, Vol. 2, 497-504, June 2004
JA.	AG	Giacometti et al., "Potential Therapeutic Role of Cationic Peptides in Three Experimental Models of Septic Shock", Antimicrobial Agent and Chemotherapy, 2132-2136, July 2002

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U.S. Department of Commerce Patent and Trademark Office	Docket No. UBC1180-2	Serial No.: 10/661,471
PROPERTY TRADELISES	Applicant: Hancock et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: September 12,2003	Group Art Unit: 1614

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Bowdish, D.M.E., et al., "The Human Cationic Peptide LL-37 Induces Activation of the Extracellular Signal-Regulated Kinases and p38 Kinase Pathways in Primary Human Monocytes", *The Journal of Immunology*, Vol. 172, 3758-3765, 2004

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EXAMINER	

GT\6438738.1 104776-27 DATE CONSIDERED

03/07

EXAMINER: Initial of citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.